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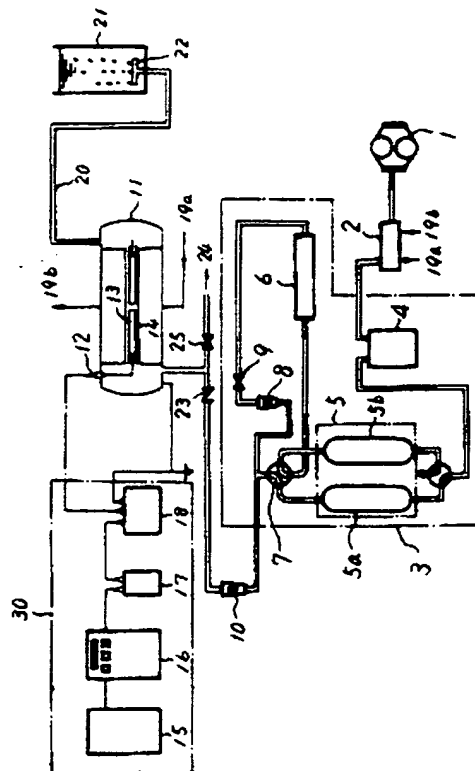
APPLICATION DATE : 12-02-80
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APPLICANT : TOSHIBA CORP;

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TITLE : OZONIZER



ABSTRACT : PURPOSE: To prevent ozone harmul to the human body from leaking outside during power failure or emergency stop, by equipping the raw material air pipe of the titled device with a checking device.

CONSTITUTION: In an ozonizer wherein an air from the blower 1 is dehumidified by the defumidifier 3 and sent to the ozonizer 11, high voltage is applied from the power device 30 to the discharge electrode 13 of the ozonizer 11 to give ozone, air pipes are equipped with the back flow preventing device 30, e.g., check valve, solenoid valve, etc. and the piping 24 for discharge connected to the ozonizer. The back flow of ozone is prevented by the back flow preventing device 30 during power failure or emergency stop, and ozone is released to a decomposing device by the piping 24 for discharge. Thus the leakage of harmful ozone to outside is prevented, and the oxidation of the defumidifier, air source device, etc. caused by the back flow of ozone with highly oxidative effect is also prevented.

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